

Title (en)
Adaptive audio output

Title (de)
Adaptiver Audioausgang

Title (fr)
Sortie audio adaptative

Publication
EP 2395659 B1 20150225 (EN)

Application
EP 11169166 A 20110608

Priority
US 81329410 A 20100610

Abstract (en)
[origin: EP2395659A2] Devices, apparatus, methods, circuits and processors are implemented for control of audio signals. Consistent with one such apparatus, a processor circuit is configured and arranged to determine, for a perceived loudness algorithm that outputs audio signal levels, a common point corresponding to a particular background noise level at which the levels of the audio signal levels are independent of a volume setting that corresponds to desired perceived loudness, and to determine an audio signal level from the perceived loudness algorithm in response to a background noise signal, a volume setting signal, and the common point. An audio signal level output circuit is configured and arranged to provide an audio signal at the determined audio signal level.

IPC 8 full level
H03G 3/32 (2006.01)

CPC (source: EP US)
H03G 3/02 (2013.01 - EP); **H03G 3/32** (2013.01 - EP US)

Cited by
EP3148075A3; CN108882115A; US10594283B2; WO2015183718A1; US9985595B2; US10333483B2; US10734962B2; EP3217545B1

Designated contracting state (EPC)
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